SK

PCT09

RAW SEQUENCE LISTING DATE: 08/30/2001 PATENT APPLICATION: US/09/720,086 TIME: 07:25:26

Input Set : A:\0609 4560002 seq list.txt
Output Set: N:\CRF3\08302001\I720086.raw

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 9 <110> APPLICANT: Li, En
         Okano, Masaki
12
         Xie, Shaoping
1.5
21 <120> TITLE OF INVENTION: De Novo DNA Cytosine Methyltransferase Genes,
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33 <130> FILE REFERENCE: 0609.4560002
41 <140> CURRENT APPLICATION NUMBER: US 09/720,086
45 <141> CURRENT FILING DATE: 2000-12-20
52 <150> PRIOR APPLICATION NUMBER: PCT/US99/14373
56 <151> PRIOR FILING DATE: 1999-06-25
64 <150> PRIOR APPLICATION NUMBER: 60/090,906
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80 <151> PRIOR FILING DATE: 1998-07-24
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96 <170> SOFTWARE: PatentIn Ver. 2.0
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Input Set : A:\0609 4560002 seq list.txt
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854	ttttttcggt	cagacctttt	attttctact	cttttcagag	gggttttctg	tttgtttggg	3300
856	ttttgtttct	tgctgtgact	gaaacaagaa	ggttattgca	gcaaaaatca	gtaacaaaaa	3360
858	atagtaacaa	taccttgcag	aggaaaggtg	ggaggagagg	aaaaaggga	aatttttaaa	3420
860	gaaatctata	tattgggttg	tttttttt	tgttttttgt	tttttttt	tgggtttttt	3480
862	ttttttacta	tatatctttt	ttttgttgtc	tctagcctga	tcagatagga	gcacaagcag	3540
		gagagagaca					3600
		ttcctggtca					3660
	_	catttttcta	_		-		3720
		tagaagccgc					3780
		atataaaagg					3840
	_	gagatgagta	_	-			3900
		ggagaaaggg					3960
		gtaacgaagt					4020
880	agggggctag	atgaggtggt	cgggcccgtg	gacagctgag	agtgggattc	atccagactc	4080

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 08/30/2001 TIME: 07:25:28 PATENT APPLICATION: US/09/720,086

Input Set : A:\0609 4560002 seq list.txt Output Set: N:\CRF3\08302001\I720086.raw

```
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:4414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:4465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:4794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:4802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:4940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:4998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:5014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:5018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:5071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:5075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:5131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:5274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:5282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:5286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:5290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:5294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:5339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:5700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:5724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:5728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:5803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:5807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:5886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:5890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:5898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:5902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:5910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:5914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:5979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 L:5983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:6033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:6045 \ M:341 \ W: \ (46) \ "n" \ or "Xaa" \ used, for SEQ ID#:41
L:6120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:6168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:6180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:6293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:6330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:6414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:6487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:6491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:6495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:6511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:6515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:6586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:6590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:6933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:6937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
```

VERIFICATION SUMMARY

DATE: 08/30/2001

PATENT APPLICATION: US/09/720,086

TIME: 07:25:28

Input Set : A:\0609 4560002 seq list.txt
Output Set: N:\CRF3\08302001\I720086.raw

L:6941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 L:6945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51